

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/509,686
Source: PCT
Date Processed by STIC: 11/16/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 11/16/2005

PATENT APPLICATION: US/10/509,686

TIME: 08:10:55

Input Set : A:\259880US0XPCT.txt

Output Set: N:\CRF4\11162005\J509686.raw

3 <110> APPLICANT: VIVES, ROMAIN
 4 SATTENTAU, QUENTIN
 5 VITA, CLAUDIO
 6 LORTAT-JACOB, HUGUES
 8 <120> TITLE OF INVENTION: ANTI-HIV COMPOSITION, METHOD OF PRODUCTION AND MEDICINAL
 PRODUCT
 10 <130> FILE REFERENCE: 259880US0XPCT
 12 <140> CURRENT APPLICATION NUMBER: 10/509,686
 13 <141> CURRENT FILING DATE: 2004-10-12
 15 <150> PRIOR APPLICATION NUMBER: PCT/FR03/01234
 16 <151> PRIOR FILING DATE: 2003-04-17
 18 <150> PRIOR APPLICATION NUMBER: FR 02/04926
 19 <151> PRIOR FILING DATE: 2002-04-19
 21 <160> NUMBER OF SEQ ID NOS: 18
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 16
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
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 33 1 5 10 15
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 31
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Scorpion
 41 <400> SEQUENCE: 2
 43 Ala Phe Cys Asn Leu Arg Met Cys Gln Leu Ser Cys Arg Ser Leu Gly
 44 1 5 10 15
 47 Leu Leu Gly Lys Cys Ile Gly Asp Lys Cys Glu Cys Val Lys His
 48 20 25 30
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 52 <211> LENGTH: 28
 53 <212> TYPE: PRT
 54 <213> ORGANISM: Artificial Sequence
 56 <220> FEATURE:
 57 <223> OTHER INFORMATION: Synthetic Peptide
 59 <400> SEQUENCE: 3
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 62 1 5 10 15
 65 Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Gly Pro
 66 20 25
 69 <210> SEQ ID NO: 4
 70 <211> LENGTH: 28

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71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
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79 <221> NAME/KEY: MISC_FEATURE
80 <222> LOCATION: (1)..(1)
81 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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86 1 5 10 15
89 Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Gly Pro
90 20 25
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94 <211> LENGTH: 27
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
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99 <223> OTHER INFORMATION: Synthetic Peptide
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103 <221> NAME/KEY: MISC_FEATURE
104 <222> LOCATION: (1)..(1)
105 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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108 <221> NAME/KEY: MOD_RES
109 <222> LOCATION: (23)..(23)
110 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
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W--> 114 Xaa Asn Leu His Phe Cys Val Gln Arg Cys His Ser Leu Gly Leu Leu
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W--> 118 Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val
119 20 25
122 <210> SEQ ID NO: 6
123 <211> LENGTH: 27
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
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128 <223> OTHER INFORMATION: Synthetic Peptide
131 <220> FEATURE:
132 <221> NAME/KEY: MISC_FEATURE
133 <222> LOCATION: (1)..(1)
134 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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139 1 5 10 15
142 Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Val
143 20 25
146 <210> SEQ ID NO: 7
147 <211> LENGTH: 27

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148 <212> TYPE: PRT
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155 <220> FEATURE:
156 <221> NAME/KEY: MISC_FEATURE
157 <222> LOCATION: (1)..(1)
158 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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166 Gly Lys Cys Ala Ser Ser Phe Cys Ala Cys Val
167 20 25
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171 <211> LENGTH: 27
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173 <213> ORGANISM: Artificial Sequence
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179 <220> FEATURE:
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181 <222> LOCATION: (1)..(1)
182 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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187 1 5 10 15
190 Gly Lys Cys Ala Gly His Phe Cys Ala Cys Val
191 20 25
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197 <213> ORGANISM: Artificial Sequence
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204 <221> NAME/KEY: MISC_FEATURE
205 <222> LOCATION: (1)..(1)
206 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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214 Gly Lys Cys Ala Gly Asn Phe Cys Ala Cys Val
215 20 25
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 27
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Synthetic Peptide

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227 <220> FEATURE:
228 <221> NAME/KEY: MISC_FEATURE
229 <222> LOCATION: (1)..(1)
230 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
232 <220> FEATURE:
233 <221> NAME/KEY: MOD_RES
234 <222> LOCATION: (23)..(23)
235 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
237 <400> SEQUENCE: 10
W--> 239 Xaa Asn Leu Gln Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu
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249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
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253 <223> OTHER INFORMATION: Synthetic Peptide
256 <220> FEATURE:
257 <221> NAME/KEY: MISC_FEATURE
258 <222> LOCATION: (1)..(1)
259 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
261 <220> FEATURE:
262 <221> NAME/KEY: MOD_RES
263 <222> LOCATION: (23)..(23)
264 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
266 <400> SEQUENCE: 11
W--> 268 Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu
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W--> 272 Gly Lys Cys Gln Gly Ser Xaa Cys Thr Cys Val
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277 <211> LENGTH: 27
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
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285 <220> FEATURE:
286 <221> NAME/KEY: MISC_FEATURE
287 <222> LOCATION: (1)..(1)
288 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
290 <220> FEATURE:
291 <221> NAME/KEY: MOD_RES
292 <222> LOCATION: (23)..(23)
293 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
295 <400> SEQUENCE: 12
W--> 297 Xaa Asn Leu Ala Arg Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu
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PATENT APPLICATION: US/10/509,686

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Input Set : A:\259880US0XPCT.txt

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      314 <220> FEATURE:
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      316 <222> LOCATION: (1)..(1)
      317 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
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      320 <221> NAME/KEY: MOD_RES
      321 <222> LOCATION: (23)..(23)
      322 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
      324 <400> SEQUENCE: 13
W--> 326 Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu
      327 1          5          10          15
W--> 330 Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val
      331          20          25
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      336 <212> TYPE: PRT
      337 <213> ORGANISM: Artificial Sequence
      339 <220> FEATURE:
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      343 <220> FEATURE:
      344 <221> NAME/KEY: MISC_FEATURE
      345 <222> LOCATION: (1)..(1)
      346 <223> OTHER INFORMATION: X = Cys or thiopropionic acid
      348 <220> FEATURE:
      349 <221> NAME/KEY: misc_feature
      350 <222> LOCATION: (21)..(21)
      351 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
      353 <220> FEATURE:
      354 <221> NAME/KEY: MOD_RES
      355 <222> LOCATION: (23)..(23)
      356 <223> OTHER INFORMATION: X = bi-phenylalanin or naphtylalanin
      358 <400> SEQUENCE: 14
W--> 360 Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu
      361 1          5          10          15
W--> 364 Gly Lys Cys Ala Xaa Ser Xaa Cys Ala Cys Ile
      365          20          25
      368 <210> SEQ ID NO: 15
      369 <211> LENGTH: 27
      370 <212> TYPE: PRT
      371 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/509,686

DATE: 11/16/2005
TIME: 08:10:56

Input Set : A:\259880US0XPCT.txt
Output Set: N:\CRF4\11162005\J509686.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 1
Seq#:5; Xaa Pos. 1,23
Seq#:6; Xaa Pos. 1
Seq#:7; Xaa Pos. 1
Seq#:8; Xaa Pos. 1
Seq#:9; Xaa Pos. 1
Seq#:10; Xaa Pos. 1,23
Seq#:11; Xaa Pos. 1,23
Seq#:12; Xaa Pos. 1,23
Seq#:13; Xaa Pos. 1,23
Seq#:14; Xaa Pos. 1,21,23
Seq#:15; Xaa Pos. 1
Seq#:16; Xaa Pos. 1

VERIFICATION SUMMARY

DATE: 11/16/2005

PATENT APPLICATION: US/10/509,686

TIME: 08:10:56

Input Set : A:\259880US0XPCT.txt

Output Set: N:\CRF4\11162005\J509686.raw

L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16
L:360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0